

Admin

Column Name	Data Type	Constraints	Description
adminId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Admin ID.
name	VARCHAR(100)	NOT NULL	Admin's name.
email	VARCHAR(100)	NOT NULL, UNIQUE	Admin's email.
username	VARCHAR(100)	NOT NULL, UNIQUE	Admin's username for login.
password	VARCHAR(100)	NOT NULL	Admin's login password.

Company

Column Name	Data Type	Constraints	Description
companyId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Company ID.
username	VARCHAR(100)	NOT NULL, UNIQUE	Company login username.
password	VARCHAR(100)	NOT NULL	Company login password.
email	VARCHAR(100)	NOT NULL, UNIQUE	Company email address.
companyName	VARCHAR(100)	NOT NULL	Name of the company.
industry	VARCHAR(100)	NOT NULL	Industry type.

JobSeeker

Column Name	Data Type	Constraints	Description
jobSeekerId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Job Seeker ID.
resume	TEXT	NULL	Job Seeker's resume details.
jobPreferences	TEXT	NULL	Job Seeker's job preferences.
username	VARCHAR(100)	NOT NULL, UNIQUE	Job Seeker login username.
password	VARCHAR(100)	NOT NULL	Job Seeker login password.
email	VARCHAR(100)	NOT NULL, UNIQUE	Job Seeker email address.

JobListing

Column Name	Data Type	Constraints	Description
jobId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Job Listing ID.
jobDescription	TEXT	NULL	Description of the job.
companyId	INT	NOT NULL, FOREIGN KEY REFERENCES Company(companyId)	Reference to Company.
jobTitle	VARCHAR(100)	NOT NULL	Title of the job.
status	ENUM('OPEN','CLOSED')	NOT NULL	Job status: open or closed.
jobType	ENUM('FULL-TIME', 'PART-TIME', 'CONTRACT', 'FREELANCE')	DEFAULT 'FULL-TIME'	Type of job.
location	VARCHAR(255)	NULL	Location of the job.
qualifications	TEXT	NULL	Required qualifications for the job.

JobSearching

Column Name	Data Type	Constraints	Description
searchId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Job Search ID.
jobSeekerId	INT	NOT NULL, FOREIGN KEY REFERENCES JobSeeker(jobSeekerId)	Reference to the Job Seeker.
searchDate	DATETIME	NOT NULL	Date and time of the job search.
searchQuery	VARCHAR(255)	NOT NULL	Search query made by the job seeker.

Support

Column Name	Data Type	Constraints	Description
supportId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Support Query ID.
companyId	INT	NULL, FOREIGN KEY REFERENCES Company(companyId)	Reference to Company (if applicable).
jobSeekerId	INT	NULL, FOREIGN KEY REFERENCES JobSeeker(jobSeekerId)	Reference to Job Seeker (if applicable).
query	TEXT	NOT NULL	Support query details.
status	ENUM('OPEN', 'RESOLVED')	NOT NULL	Status of the support query.

Feedback

Column Name	Data Type	Constraints	Description
feedbackId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Feedback ID.
companyId	INT	NULL, FOREIGN KEY REFERENCES Company(companyI d)	Reference to Company (if applicable).
jobSeekerId	INT	NULL, FOREIGN KEY REFERENCES JobSeeker(jobSeeke rId)	Reference to Job Seeker (if applicable).
feedbackText	TEXT	NOT NULL	Feedback content.
rating	INT	NOT NULL CHECK (rating >= 1 AND rating <= 5)	Feedback rating (1 to 5).
timestamp	DATETIME	DEFAULT CURRENT_TIMESTA MP	Timestamp for the feedback entry.

Communication

Column Name	Data Type	Constraints	Description
communicationId	INT	PRIMARY KEY, AUTO_INCREMENT	Unique Communication ID.
companyId	INT	NULL, FOREIGN KEY REFERENCES Company(companyI d)	Reference to Company (if applicable).
jobSeekerId	INT	NULL, FOREIGN KEY REFERENCES JobSeeker(jobSeeke rId)	Reference to Job Seeker (if applicable).
adminId	INT	NOT NULL , FOREIGN KEY REFERENCES admin(adminId)	Reference to Admin.
message	TEXT	NOT NULL	Communication message details.
timestamp	DATETIME	DEFAULT CURRENT_TIMESTA MP	Timestamp of the communication.